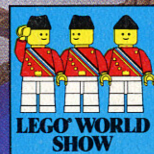
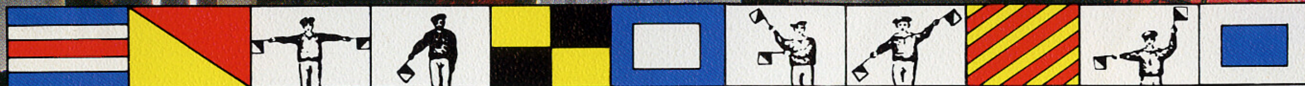
SHIPS AND THE SEA

LEGO WORLD SHOW EIGHT







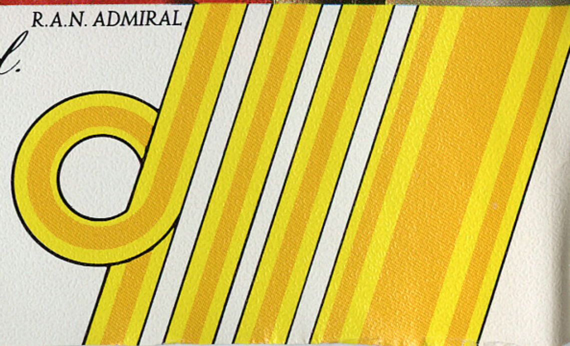
Shark/Great Barrier Reef

Building time: 1,040 hours.
Number of LEGO bricks used: 215,150.

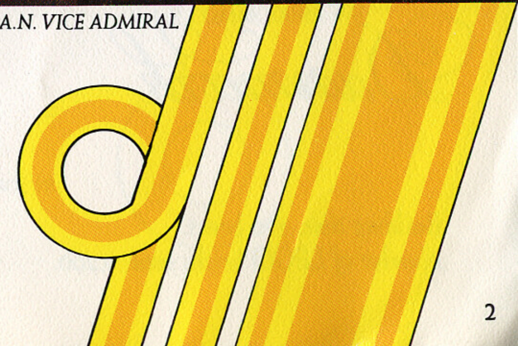
Ship's Log. The Eighth Day at Sea. Weather Fine. No wind.

We've run aground on the Great Barrier Reef. There's some damage to the bow but we're not taking in any water.

The Reef is two thousand kilometres long, 25 million years old and made from the remains of tiny creatures called Coral Polyps that live in vast colonies. And to think, it's the largest structure ever built by living creatures. Amazing.



R.A.N. VICE ADMIRAL



Gun Deck

Building Time: 1,255 hours.
Number of LEGO bricks used: 128,500.

Ship's Log. The Fifteenth Day at Sea. Heavy Cloud Cover. No wind.

We've been fending off Pirate attacks for two days now. Even as I write, the cannons are booming and the sails are blazing from Red Beard's red-hot cannon balls.

Pirates are the plague of the high seas. They're after the treasures hidden in our hold, but we'd blow ourselves up before we'd surrender to Red Beard!



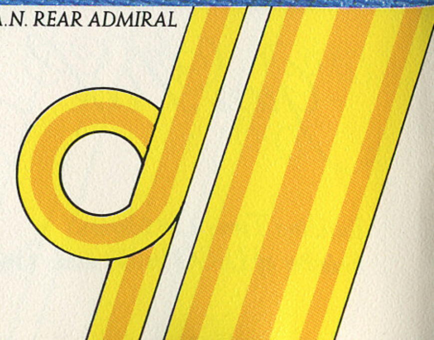
Danmark

Building time: 190 hours.
Number of LEGO bricks used: 9,200.

Ship's Log. The Twentieth day at sea
Weather fine. Winds picking up at 12 knots

What, more Pirates? No, it's the famous Danish training ship, the 'Danmark'. Everything on board her must be kept in perfect order, and a command must be obeyed to the letter.

If a ship's not ship-shape, it cannot work safely and efficiently. That's the first lesson those young sailors will learn in their seagoing school.



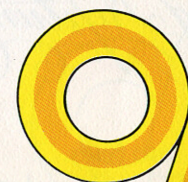
Titanic

Building time: 158 hours.
Number of LEGO bricks used: 9,000.

Ship's Log. The Thirtieth Day at Sea
Weather miserable. Gale Force winds at 30 knots

Today we sailed over the very spot where the magnificent Titanic sank on that tragic August night way back in 1912. It was her maiden voyage, sailing from Southampton to New York, when she struck an iceberg at full speed. Only 700 of the 2,000 passengers survived.

R.A.N. COMMODORE



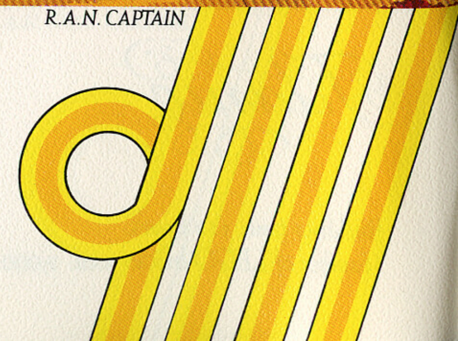
King Neptune

Building time: 1090 hours.
Number of LEGO bricks used: 70,800.

Ship's Log: The Fortieth Day at Sea
Weather fine. Southerly winds at 10 knots

Today we crossed the Equator off the coast of Ecuador. It was young Tom the cabin boy's first crossing, so the lads christened him and gave him a fish name chosen by old King Neptune himself. It's tradition among sea-faring folk to have a huge celebration and it can become quite a boisterous affair.

R.A.N. CAPTAIN



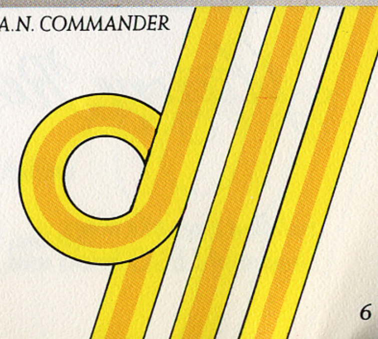
R.A.N. COMMANDER

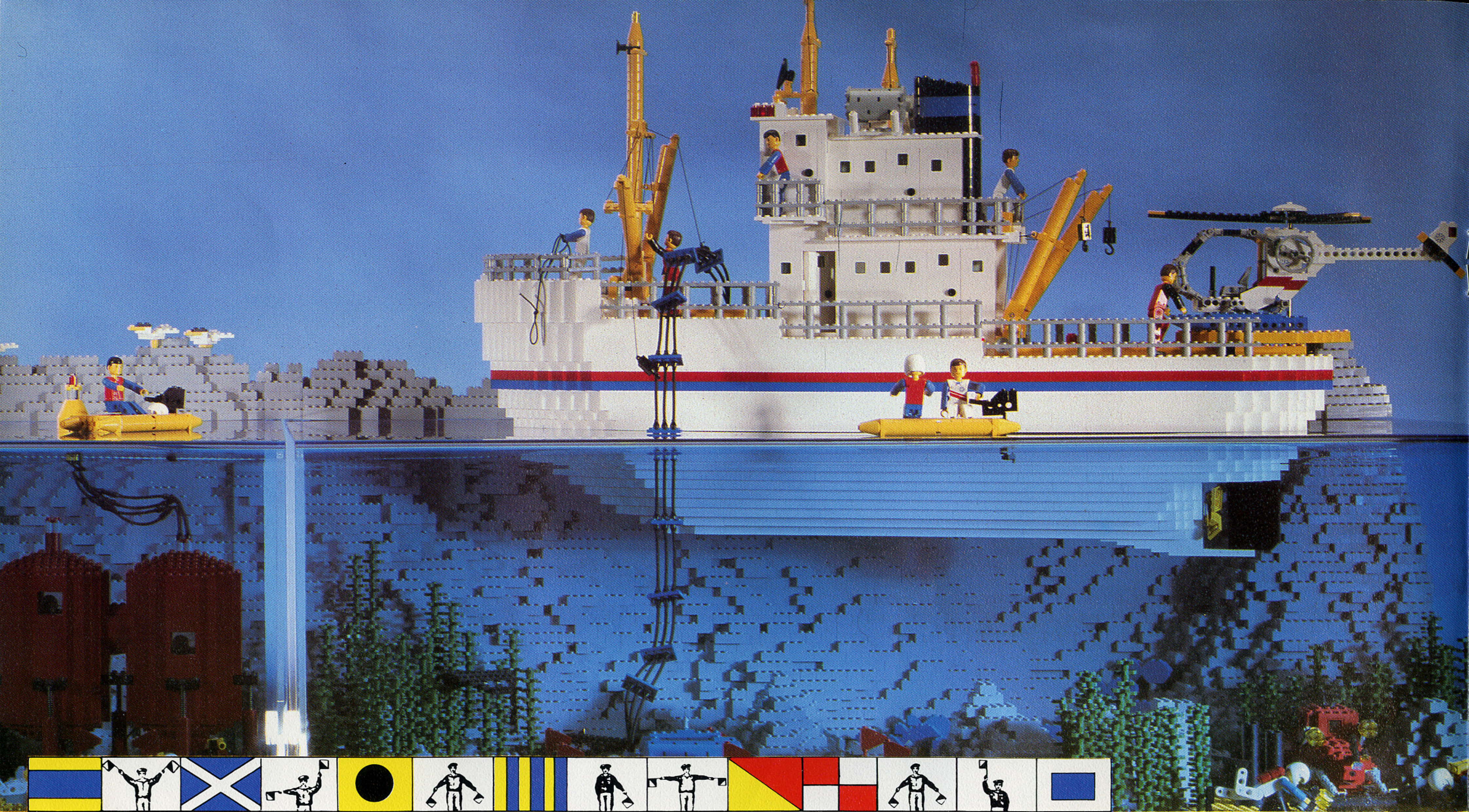
Shipyard

Building time: 214 hours.
Number of LEGO bricks used: 18,000.

Ship's Log. The Forty-fifth Day at Sea
Weather Fine. Still no wind.

We've been dry-docked for repairs for two days. The ship builders have been busy on a gigantic oil drilling rig so we had to wait our turn. They've started work on our damaged bow so we should be back in the water soon. The ship looks huge with its hull hoisted so high out of the water.





R.A.N. LIEUTENANT COMMANDER

Marine Research

Ship's Log. The Fiftieth Day at Sea
Weather fine. Winds picking up to 14 knots

Building time: 284 hours.
Number of LEGO bricks used: 20,500.

We sailed past a marine exploration team today.

Marine research utilises the ocean's vast riches and resources which are vitally important to all life on land. We must be careful not to use our oceans as dumping grounds. If I catch my lads throwing rubbish overboard, I'll throw them over after it.

R.A.N. LIEUTENANT

Oil Drilling Rig

Ship's Log. The Fifty fifth day at sea
Weather foggy No wind.

Building time: 146 hours.
Number of LEGO bricks used: 11,000.

Oil. We call it black gold because it's worth a fortune and it's almost impossible to find. People work on gigantic oil drilling rigs for weeks at a time, pumping up thousands of tons of crude oil and natural gas from beneath the sea.

Huge tankers were waiting alongside the rig we passed today to transport the crude material to shore where it is refined and sold.



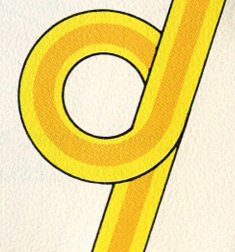
Fishing Village

Ships Log. The sixtieth day at sea
Weather clearing. Sou'Easterly winds

Building time: 228 hours.
Number of LEGO bricks used: 17,500.

Today we sailed past the trawlers from a little fishing village on the coast, hauling in the first catch of the day.
Before the introduction of echo sounders and other measuring instruments, fishermen had to rely purely on their intuition and fishing know-how to find the best fishing grounds.

R.A.N. SUB LIEUTENANT



Air Sea Rescue

Ship's Log. The sixty-sixth day at sea
Weather stormy. Gale force winds at 30 knots

We're anchored off the coast of the Summer Harbour and a fierce storm has hit us all of a sudden. A windsurfer's in trouble but we can't get in close enough to help him.

We called the Coast Guard and a helicopter is on its way. In this weather, a helicopter is one thing that can get in close enough to rescue someone in distress.

Building time: 72 hours.
Number of LEGO bricks used: 5,000.

R.A.N. CHIEF PETTY OFFICER





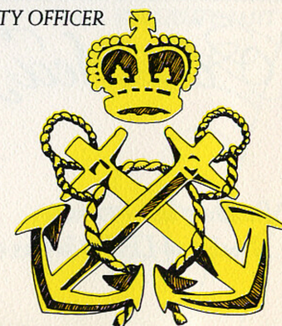
Summer Harbour

Ship's Log. The seventieth day at sea
Weather fine. Light breezes at 7 knots.

We're pulling into the Summer Harbour for some well-deserved rest and recreation before we set sail for home. The crew are all worn out from our long journey and 48 hours of shore leave will wake them up and do them good. They can relax in the restaurants, stroll around the fish markets or just laze in the sun on the beaches.

Building time: 1,140 hours.
Number of LEGO bricks used: 91,200.

R.A.N. PETTY OFFICER





R.A.N. LEADING SEAMAN

Summer Harbour

When the lads have had enough rest, they can try their hands at windsurfing, go snorkelling around the rocks or hire a bike and ride for miles up the coast road.

Just as long as they all return to the ship refreshed and fit for duty.

All ashore who's going ashore!

CRACK THE CODE.

The answers to these questions are in semaphore and signal flags on the appropriate pages of the Ship's Log.
Use the guide opposite to Crack The Code.

SHARK/GREAT BARRIER REEF (PAGE 1)

Q1. *What tiny creatures built the Great Barrier Reef?*

_______ _________

GUNDECK (PAGE 2)

Q2. *What are pirates always searching for?*

____

DANMARK (PAGE 3)

Q3. *What structures do the ship's sails hang from?*

____

TITANIC (PAGE 4)

Q4. *The most modern and luxurious passenger ship of its time, the Titanic, was often described as the _______________ ship.*

NEPTUNE (PAGE 5)

Q5. *What does King Neptune always hold in his hand?*

____

SHIPYARD (PAGE 6)

Q6. *Where are ships taken to be repaired?*

____ ______

MARINE RESEARCH (PAGE 7)

Q7. *We must take care not to use our oceans as*

____

OIL DRILLING RIG (PAGE 8)

Q8. *What is oil called in its natural, unprocessed form?*

____

FISHING VILLAGE (PAGE 9)

Q9. *What is a fishing vessel called?*

____

AIR SEA RESCUE (PAGE 10)

Q10. *In stormy weather, what's one thing that can get in close enough to rescue a person in trouble?*

____

SUMMER HARBOUR (PAGE 11)

Q11. *What's the fastest, wind-propelled mono-hulled craft in the world?*

____

SUMMER HARBOUR (PAGE 12)

Q12. *Somehow, sometime, somewhere, it seems that everyone who spends his leisure boating, falls* _____________



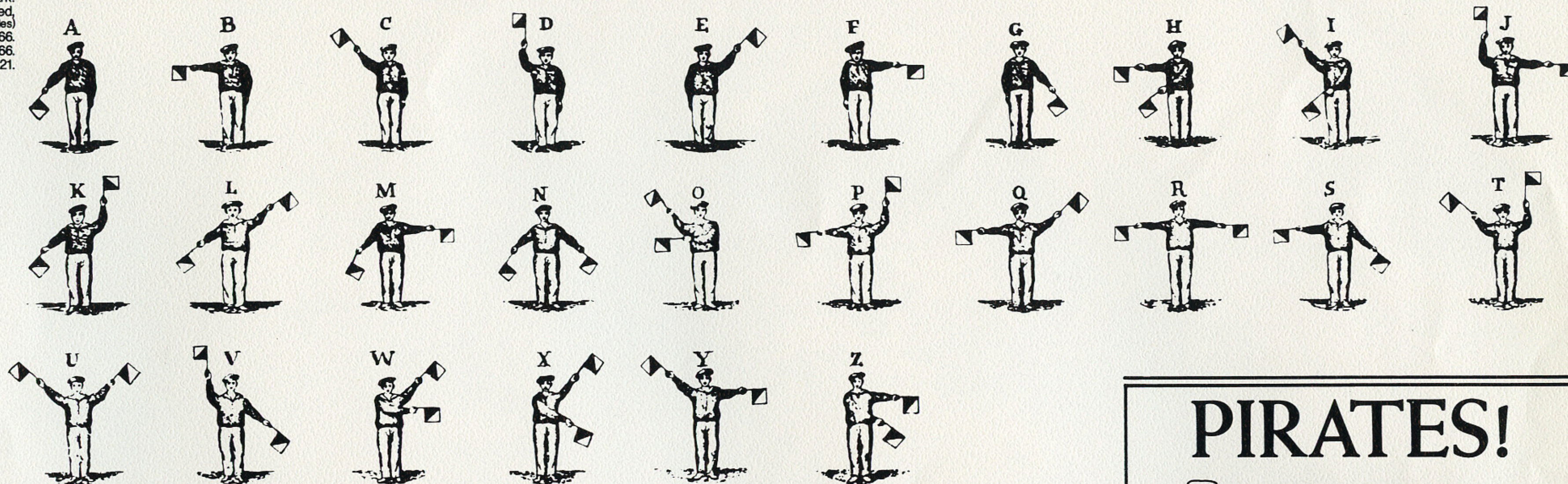




LEGO Australia Pty. Limited,
(Incorporated in New South Wales)
2 Lincoln Street, Lane Cove, NSW 2066.
P.O. Box 639, Lane Cove, NSW 2066.
Telephone (02) 428 9666. Telex: LEGOA AA123221.

Semaphore.

A system of signalling by means of two flags held in various positions. (below)



International signal flags .

The international code of signal flags was designed so that ships around the world could send messages to each other without confusion. (below)

ALFA (Divers Down)

BRAVO (Explosives)

CHARLIE (Yes)

DELTA (Manouvering with Difficulty)

ECHO (Altering Course to Starboard)

FOXTROT (Disabled)

GOLF (Want a Pilot)

HOTEL (Pilot on Board)

INDIA (Altering Course to Port)

JULIET (Semaphore)

KILO (I wish to Communicate)

LIMA (Stop, Something to Communicate)

MIKE (I have Stopped)

NOVEMBER (No)

OSCAR (Man Overboard)

PAPA (Crew Return to Ship)

QUEBEC (Request Pratique)

ROMEO (Way is off my ship)

SIERRA (Going full speed astern)

TANGO (Do not pass ahead of me)

UNIFORM (Standing into danger)

VICTOR (Require Assistance)

WHISKEY (Require Medical Assistance)

XRAY (Stop; Your Intention)

YANKEE (Dragging Anchor)

ZULU (Shore Stations)

CRACK THE CODE ANSWERS

1. *Coral Polyps*
2. *Treasure*
3. *Yardarms*
4. *Unsinkable*
5. *Trident*
6. *Dry dock*
7. *Dumping grounds*
8. *Crude*
9. *Trawler*
10. *Helicopter*
11. *Sailboard*
12. *Overboard*

PIRATES!



When you came across a ship flying the deathly black skull and crossbones in the seventeenth and eighteenth centuries, you knew to steer clear. But these pirate flags were not the only ones to strike fear into the hearts of sailors.

A green flag indicated shipwreck; a yellow flag warned of some highly infectious disease aboard and a plain red flag signified that no mercy would be given in battle. The yellow quarantine flag is the only one which has the same meaning today.

SHIPS AND THE SEA

LEGO WORLD SHOW EIGHT



